

North Grampian

Including North and West Cairngorms National Park, Monadhliath, Ben Alder, Creag Meagaidh, Loch Ericht and Loch Rannoch

Forecast valid from 00:00 on Tuesday 13 Feb 2024 until 23:59 on Wednesday 14 Feb 2024

Forecast Issued on Monday 12 Feb 2024 at 16:35 by Met Office Aberdeen

Confidence: High for general theme on Tuesday, but low for shower detail. Moderate for timing and extent of rain pushing north on Wednesday afternoon/evening and low for details on Thursday due to significant synoptic uncertainties.

Headline for Tuesday 13 Feb 2024: Bright spells and snow showers, these becoming isolated in the afternoon. Significant wind chill.

Mountain weather hazards on Tuesday 13 Feb 2024

Blizzards Low Likelihood	Heavy persistent snow No Likelihood	Storm force winds No Likelihood
Gales Medium Likelihood	Severe chill effect High Likelihood	Poor visibility Low Likelihood
Thunderstorms No Likelihood	Heavy persistent rain No Likelihood	Strong sunlight No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Heavy snow showers (night)	Heavy snow showers (night)	Heavy snow showers (night)	Heavy snow showers	Light snow	Light snow	Cloudy	Cloudy
Precipitation probability							
60%	60%	60%	60%	50%	40%	20%	20%

Forecast for Tuesday 13 Feb 2024

Weather: Bright spells and snow showers, some of these heavy at times, especially west of the A9 but tending to become lighter through the afternoon. Strong southwesterly winds with summit gales bringing significant wind chill, but easing slightly in the afternoon.

Chance of cloud-free hill tops above 800m: 30% but higher in the east.

Low cloud and visibility: Largely cloudy with bases 800-1000m but occasionally falling onto lower slopes with poor visibility in snow showers. Very good visibility outside of snow showers.

Forecast for Tuesday 13 Feb 2024

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1300	39/50 W	38/49 W	38/49 SW	38/49 SW	34/45 SW	30/40 SW	25/33 SW	17/22 SW	11/14 SW
900	37/44 SW	35/43 SW	35/43 SW	35/43 SW	32/40 SW	28/36 SW	22/27 SW	15/19 SW	10/13 S
600	25/31 SW	25/33 SW	23/32 SW	24/33 SW	22/30 SW	19/26 SW	12/19 SW	10/14 SW	6/9 SW
300	11/27 SW	12/28 SW	12/28 SW	12/28 SW	12/26 SW	11/23 SW	5/15 SW	4/11 SW	4/9 SW
Glen	4/22 SW	5/23 SW	5/22 SW	5/23 SW	6/23 SW	5/21 SW	4/18 SW	4/14 SW	4/11 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1300	-6/-17	-5/-15	-5/-15	-5/-16	-5/-15	-4/-14	-4/-13	-5/-12	-6/-12
900	-3/-13	-2/-11	-2/-11	-2/-12	-2/-10	-1/-10	-1/-8	-1/-7	-1/-6
600	-1/-8	-0/-8	0/-7	0/-7	1/-6	1/-5	1/-4	1/-3	1/-2
300	1/-4	1/-4	1/-4	2/-3	3/-1	3/-1	2/-0	1/-2	-0/-2
Glen	0/-2	1/-2	1/-2	1/-2	3/0	4/1	2/-0	1/-1	-0/-2
Freezing Level*	300m	500m	500m	500m	600m	600m	600m	600m	400m

*Level above which ground is expected to be frozen/snow is expected to settle.

Met Office Aberdeen Meteorologist’s View

Low confidence on shower detail. Note significant summit wind chill throughout.

Forecast for Wednesday 14 Feb 2024

Weather: A cold, sunny start away from patchy mist and fog in the glens. Thickening high level cloud ahead of deteriorating low level conditions through the afternoon and evening.

Maximum wind: Increasing to 30-40mph on summits through the afternoon.

Chance of cloud-free hill tops above 800m: 80% at first but decreasing to less than 20% through the afternoon.

Low cloud and visibility: Very good visibility away from glen mist and fog patches, summits largely clear. Cloud base 800-1000m becoming extensive through the afternoon from the south with risk of poor visibility in summit snow.

Temperature: **Glens:** Minus 3 Celsius rising to Plus 3 Celsius.
At 800m: 0 Celsius rising to Plus 02 Celsius.
Freezing level: At glen level at first, rising to 800m later.